

*Amended  
by Amendments.*

Abstract

Orthopaedic Scaffolds for Tissue Engineering

5 A process for preparing an orthopaedic scaffold, or other solid  
body, said process comprising forming shaped blocks of a  
bioactive material comprising silicon, treating one or more  
selected surfaces of said blocks such that they will adhere to a  
similarly treated surface of a similar block, and self-assembly  
10 of a scaffold comprising two or more of said blocks under  
conditions in which the treated surfaces will bind together, and  
thereafter recovering the assembled structure.

Products including orthopaedic scaffolds obtained using this  
15 process are also provided.